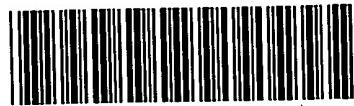


5040



PCT10

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/048,228

DATE: 02/14/2002
TIME: 16:46:32

Input Set : A:\CL5008US.txt
Output Set: N:\CRF3\02142002\J048228.raw

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3 <110> APPLICANT: Cytocell Limited
5 <120> TITLE OF INVENTION: Improvements in or Relating to Nucleic Acid
6   Amplification
8 <130> FILE REFERENCE: 056222-5008-US
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/048,228
C--> 11 <141> CURRENT FILING DATE: 2002-01-29
13 <150> PRIOR APPLICATION NUMBER: PCT/GB00/02946
14 <151> PRIOR FILING DATE: 2000-07-31
16 <160> NUMBER OF SEQ ID NOS: 27
18 <170> SOFTWARE: PatentIn Ver. 2.1
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22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
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26 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
27   oligonucleotide
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35 <212> TYPE: DNA
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38 <220> FEATURE:
39 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
40   oligonucleotide
42 <400> SEQUENCE: 2
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44 atttc                                         65
47 <210> SEQ ID NO: 3
48 <211> LENGTH: 22
49 <212> TYPE: DNA
50 <213> ORGANISM: Artificial Sequence
52 <220> FEATURE:
53 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
54   oligonucleotide
56 <400> SEQUENCE: 3
57 gaaattaata cgactcacta ta          22
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61 <211> LENGTH: 43
62 <212> TYPE: RNA
63 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:

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67 of Synthetic oligonucleotide
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70 gggagacaca ucggugaua uccagaacgg agacaaggag gca
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78 <220> FEATURE:
79 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
80 oligonucleotide
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83 tcgtcttcg gtctctc tcaaggctca gcgttcttc ttccatagt gagtcgtatt 109
84 aatttctgc tccttgtctc cgttctggat atcaccgat gtgtctccc
87 <210> SEQ ID NO: 6
88 <211> LENGTH: 25
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
94 oligonucleotide
96 <400> SEQUENCE: 6 25
97 tctgctgcct gcttgctgc gttct
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101 <211> LENGTH: 12
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
107 oligonucleotide
109 <400> SEQUENCE: 7 12
110 ggatatcacc cg
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115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
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119 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
120 oligonucleotide
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123 tgccctgttgc tctgcgttctt ggatatcacc cgaatcgtaa gtccctatacg tgagtcgtat 67
124 taatttc
127 <210> SEQ ID NO: 9
128 <211> LENGTH: 45
129 <212> TYPE: RNA
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence: RNA transcript
134 of Synthetic oligonucleotide

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TIME: 16:46:32

Input Set : A:\CL5008US.txt
Output Set: N:\CRF3\02142002\J048228.raw

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145 <220> FEATURE:
146 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
147 oligonucleotide
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150 tcgtcttcggt ctcttccttc tcaaggctca gcgttcttc ttccatagt gaggcgatt 60
151 aatttctggc tgcttgctg cgttctggat atcacccgaa tcgtcagtcc c           111
154 <210> SEQ ID NO: 11
155 <211> LENGTH: 111
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
161 oligonucleotide
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164 tgcctgcttg tctgcgttct ggatatcacc cgaatcgtaa gtccctatacg tgaggcgat 60
165 taatttctcg tcttccggtc tctcctctca agcctcagcg ttctcttc c           111
168 <210> SEQ ID NO: 12
169 <211> LENGTH: 111
170 <212> TYPE: DNA
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175 oligonucleotide
177 <400> SEQUENCE: 12
178 tgcctgcttg tctgcgttct ggatatcacc cgaggcttcg cttccctatacg tgaggcgat 60
179 taatttctcg tcttccggtc tctcctctca agcctcagcg ttgtcttc c           111
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184 <212> TYPE: RNA
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187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence: RNA transcript
189 of Synthetic oligonucleotide
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192 ggaaggcgaga acucgguga uauccagaac gcagacaaggc aggca
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196 <211> LENGTH: 111
197 <212> TYPE: DNA
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200 <220> FEATURE:
201 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
202 oligonucleotide
204 <400> SEQUENCE: 14

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PATENT APPLICATION: US/10/048,228

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Input Set : A:\CL5008US.txt
Output Set: N:\CRF3\02142002\J048228.raw

205 tcgtcttccg gtcttcctc tcaaggctca gcgttgtctc ttccatatagt gagtcgtatt 60
 206 aatttctgcc tgcttgtctg cgttctggat atcacccgag ttctcgcttc c 111
 209 <210> SEQ ID NO: 15
 210 <211> LENGTH: 44
 211 <212> TYPE: RNA
 212 <213> ORGANISM: Artificial Sequence
 214 <220> FEATURE:
 215 <223> OTHER INFORMATION: Description of Artificial Sequence: RNA transcript
 216 of Synthetic oligonucleotide
 218 <400> SEQUENCE: 15 44
 219 ggaagagaca acgcugaggg uugagaggag agaccggaag acga
 222 <210> SEQ ID NO: 16
 223 <211> LENGTH: 111
 224 <212> TYPE: DNA
 225 <213> ORGANISM: Artificial Sequence
 227 <220> FEATURE:
 228 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 229 oligonucleotide
 231 <400> SEQUENCE: 16 60
 232 tcgtcttccg gtcttcctc tcaaggctca gcgttgtctc ttccatatagt gagtcgtatt 111
 233 aatttctgcc tgcttgtctg cgttctggat atcacccgag ttctcgcttc c
 236 <210> SEQ ID NO: 17
 237 <211> LENGTH: 25
 238 <212> TYPE: DNA
 239 <213> ORGANISM: Artificial Sequence
 241 <220> FEATURE:
 242 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 243 oligonucleotide
 245 <400> SEQUENCE: 17 25
 246 tctgctcgta ttccgggtctc tcctc
 249 <210> SEQ ID NO: 18
 250 <211> LENGTH: 12
 251 <212> TYPE: DNA
 252 <213> ORGANISM: Artificial Sequence
 254 <220> FEATURE:
 255 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 256 oligonucleotide
 258 <400> SEQUENCE: 18 12
 259 tcaaggctca gc
 262 <210> SEQ ID NO: 19
 263 <211> LENGTH: 66
 264 <212> TYPE: DNA
 265 <213> ORGANISM: Artificial Sequence
 267 <220> FEATURE:
 268 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 269 oligonucleotide
 271 <400> SEQUENCE: 19 60
 272 tcgtcttccg gtcttcctc tcaaggctca gcgttgtctc ttccatatagt gagtcgtatt 66
 273 aatttc

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DATE: 02/14/2002
TIME: 16:46:32

Input Set : A:\CL5008US.txt
Output Set: N:\CRF3\02142002\J048228.raw

276 <210> SEQ ID NO: 20
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278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
283 oligonucleotide
285 <400> SEQUENCE: 20
286 tgcctgcttg tctcggttct ggatatcacc cgagttctcg cttccatacg tgagtctat 60
287 taatttctcg tcttcggtc ttcctctca agcctcagcg ctctctctcc c 111
290 <210> SEQ ID NO: 21
291 <211> LENGTH: 64
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
297 oligonucleotide
299 <400> SEQUENCE: 21
300 tgcctccttg tctcggttct ggatatcacc cgatgtgtct ccctatagtg atcgattaa 60
64
301 ttcc
304 <210> SEQ ID NO: 22
305 <211> LENGTH: 44
306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
311 oligonucleotide
313 <400> SEQUENCE: 22 44
314 gggagagaga gcgcgtgaggc ttgagaggag agaccggaag acga
317 <210> SEQ ID NO: 23
318 <211> LENGTH: 21
319 <212> TYPE: DNA
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
323 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
324 oligonucleotide
326 <400> SEQUENCE: 23 21
327 gggagagaga gcgcgtgaggc t
330 <210> SEQ ID NO: 24
331 <211> LENGTH: 111
332 <212> TYPE: DNA
333 <213> ORGANISM: Artificial Sequence
335 <220> FEATURE:
336 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
337 oligonucleotide
339 <400> SEQUENCE: 24
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341 aatttctgcc tgcttgtctg cgttctggat atcacccgag ttctcgcttc c 111
344 <210> SEQ ID NO: 25

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/048,228

DATE: 02/14/2002
TIME: 16:46:33

Input Set : A:\CL5008US.txt
Output Set: N:\CRF3\02142002\J048228.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date